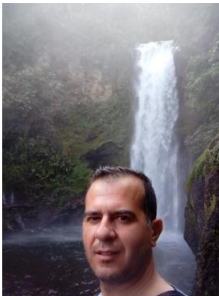


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KAVALA, GREECE  
DEMOCRITUS UNIVERSITY OF THRACE  
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SCIENCES  
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#### **STUDIES**

School of Agriculture, Aristotle University of  
Thessaloniki [2001-2005]  
  
School of Agriculture, Aristotle University of  
Thessaloniki [1999-2001]  
  
School of Agriculture, Aristotle University of  
Thessaloniki [1992-1997]

Degrees obtained:

PhD in environmental fate of pesticides  
“Fate of the herbicides atrazine, metolachlor  
and their metabolites in the soil”  
MSc in Crop Protection  
“Analysis of dithiocarbamate fungicide  
residues in dry tobacco and peaches”  
BSc in Crop Protection

**Academic Position:** Associate Professor

**Discipline:** Crop Protection & Agroecosystems Pollution

#### **RESEARCH INTERESTS**

Development of pesticide residue and toxins analytical methodologies (Instrumental analysis (GC-ECD/FPD/NPD/HALL/FID, HPLC-UV/PDA/Fluorescence/ Conductivity, GC-ITMS, GC-MS/MS, LC-MS/MS)

Environmental fate of pesticides (adsorption, leaching, runoff, degradation, preferential flow, volatilization) and contamination of surface- and groundwater bodies

Monitoring of pesticide residues in environmental samples (soil, air, precipitation, surface and ground-water bodies), food and Feed

Pesticide risk assessment and prioritization exercises

Ecotoxicological behavior of pesticides and its metabolites (by microtox test, Daphnia magna, Gambusia affinis, higher plants)

Effects of post-harvest treatments on fate of pesticides on processed foods (olives, wine, spirits, peaches, pears, stewed fruits)  
Interactions of pesticides with soil microbial community - Plant Growth Promoting Rizobacteria (PGPR)  
Use of Constructed Wetlands for remediation of point source pollution sites by pesticides

#### **RECENT INTERNATIONAL CONFERENCE /COMMITTEES**

- Member of the scientific committee of SETAC EUROPE 32<sup>nd</sup> ANNUAL MEETING 2022
- Member of the organization and scientific committee of 14th IUPAC International Congress of Crop Protection Chemistry, Ghent University, May 19-24, 2019
- Member of the IUPAC Advisory Committee on Crop Protection Chemistry, 2019-now
- Member of the evaluation committee of ten PhD Course on CROP SCIENCE of UNIVERSITA DEGLI STUDI DI PADOVA, 2020

#### **TEACHING ACTIVITIES**

##### *Undergraduate courses*

Agricultural pharmacology (2009-Now)

Ecological risk assessment (2009-2010)

Ecotoxicology (2009-Now)

Agriculture and wetlands pollution (2010-Now)

Agriculture and environment (2010-2016)

Integrated crop management & certification of agricultural products (2010-2014)

Ecology (2010-2013)

Weed Science (2013-Now)

##### *Postgraduate courses*

Ecological water quality and management at a river basin level (2008-2009)

Agroecosystems pollution (2014-Now)

#### **REFEREED PUBLICATIONS**

1. Gikas, G.D., Vryzas, Z., Koshis, Z. (2021) Experiments on Fluometuron Removal from Simulated Agricultural Wastewater in Porous Media Filters. Environmental Processes, Article in Press. (IF: -, Citations: 0)
2. Parlakidis, P., Mavropoulos, T., Vryzas, Z., Gikas, G.D. (2021) Fluopyram removal from agricultural equipment rinsing water using HSF pilot-scale constructed wetlands. Environmental Science and Pollution Research, Article in Press. (IF: 4.223, Citations: 1)
3. Karasmanaki, E., Dimopoulou, P., Vryzas, Z., Karipidis, P., Tsantopoulos, G. (2021) Is the environmental behavior of farmers affecting their pesticide practices? A case study from Greece. Sustainability 13, 1452, 1-15. (IF: -, Citations: 1)
4. Vryzas, Z., Ramwell, C., Sans, C. (2020) Pesticide prioritization approaches and limitations in environmental monitoring studies: From Europe to Latin American countries. Submitted to Environment International 143,105917 (IF: 7.943, Citations: 5).

5. Tسابoula, A., Papadakis, E.-N., Vryzas, Z., Kotopoulou, A., Kintzikoglou, K., Papadopoulou-Mourkidou, E. (2019). Assessment and management of pesticide pollution at a river basin level part I: Aquatic ecotoxicological quality indices. *Science of the Total Environment*, 653, 1597-1611. (IF: 5.589, Citations: 15).
6. Tسابoula, A., Menexes, G., Papadakis, E.-N., Kotopoulou, A., Kintzikoglou, K., Vryzas, Z., Papadopoulou-Mourkidou, E. (2019). Assessment and management of pesticide pollution at a river basin level part II: Optimization of pesticide monitoring networks on surface aquatic ecosystems by data analysis methods. *Science of the Total Environment*, 653, 1612-1622. (IF: 5.589, Citations: 13).
7. Vryzas, Z. (2018). Pesticide fate in soil-sediment-water environment in relation to contamination preventing actions. (2018). *Current Opinion in Environmental Science & Health* 4, 5-9 (IF: -, Citations: 51).
8. Papadakis, E.-N., Tسابoula, A., Vryzas, Z., Kotopoulou, A., Kintzikoglou, K., Papadopoulou-Mourkidou, E. (2018). Pesticides in the rivers and streams of two river basins in northern Greece. *Science of the Total Environment*, 624, 732-743. (IF: 5.589, Citations: 46).
9. Carazo Rojas, E., Perez-Rojas, G., Pérez-Villanueva, M., Chinchilla-Soto, Chin-Pampillo, J.S., Aguilar-Mora, P., Alpízar-Marín, M., Masis-Mora, M., Rodríguez-Rodríguez, C. E., Vryzas, Z. (2018). Pesticide monitoring and ecotoxicological risk assessment in surface water bodies and sediments of a tropical agro-ecosystem. *Environmental Pollution*, 241, 800-809. (IF: 6.216, Citations: 77).
10. Gikas, G., Pérez-Villanueva, M., Tsioras, M., Alexoudis, C., Perez-Rojas, G., Masis-Mora, M., Lizano-Fallas, V., Rodríguez-Rodríguez, C. E., Vryzas, Z., Tsihrintzis, V.A. (2018). Low-cost approaches for the removal of terbuthylazine from agricultural wastewater: constructed wetlands and biopurification system. *Chemical Engineering Journal*, 335, 647-656. (IF: 8.355, Citations: 29).
11. Gikas, G., Vryzas, Z., Tsihrintzis, V.A. (2018). S-metolachlor herbicide removal in pilot-scale horizontal subsurface flow constructed wetlands. *Chemical Engineering Journal*, 339, 108-116. (IF: 8.355, Citations: 22).
12. Papaevangelou, V.A., Gikas, G.D. Vryzas, Z., Tsihrintzis, V.A. (2017). Treatment of agricultural equipment rinsing water containing a fungicide in pilot-scale horizontal subsurface flow constructed wetlands. *Ecological Engineering*, 101, 193-200 (IF: 3.406, Citations: 14).
13. Vryzas, Z. (2016). The plant as metaorganism and research on next-generation systemic pesticides - prospects and challenges. *Frontiers in Microbiology*, 7, 1968 (IF: 4.259, Citations: 20).
14. Tسابoula, A., Papadakis, E.-N., Vryzas, Z., Kotopoulou, A., Kintzikoglou, K., Papadopoulou-Mourkidou, E. (2016). Environmental and human risk hierarchy of pesticides: A prioritization method, based on monitoring, hazard assessment and environmental fate. *Environment International*, 91, pp. 78-93. (IF: 7.943, Citations: 111).
15. Papadakis, E.-N., Tسابoula, A., Kotopoulou, A., Kintzikoglou, K., Vryzas, Z., Papadopoulou-Mourkidou, E. (2015). Pesticides in the surface waters of Lake Vistonis Basin, Greece: Occurrence and environmental risk assessment. *Science of the Total Environment*, 536, 793-802. (IF: 5.589, Citations: 90).
16. Myresiotis, C.K., Testempasis, S., Vryzas, Z., Karaoglanidis, G.S., Papadopoulou-Mourkidou, E. (2015). Determination of mycotoxins in pomegranate fruits and juices using a QuEChERS-based method. *Food Chemistry*, 182, 81-88. (IF: 5.399, Citations: 63).
17. Papadakis, E.N., Vryzas, Z., Kotopoulou, A., Kintzikoglou, K., Makris, K.C., Papadopoulou-Mourkidou, E. (2015). A pesticide monitoring survey in rivers and lakes of northern Greece and its human and ecotoxicological risk assessment. *Ecotoxicology and Environmental Safety*, 116, 1-9. (IF: 4.527, Citations: 98).
18. Myresiotis, C.K., Vryzas, Z., Papadopoulou-Mourkidou, E. (2015). Effect of specific plant-growth-promoting rhizobacteria (PGPR) on growth and uptake of neonicotinoid insecticide

- thiamethoxam in corn (*Zea mays* L.) seedlings. *Pest Management Science*, 71, 1258-1266. (IF: 3.255, Citations: 27).
19. Pareja, L., Niell, S., Vryzas, Z., González, J., Cesio, M.V., Mourkidou, E.P., Heinzen, H. (2015). Comparison and evaluation of two methods for the pesticide residue analysis of organophosphates in yerba mate. *Brazilian Journal of Pharmacognosy*, 25, 98-104. (IF: 2.030, Citations: 3).
20. Myresiotis, C.K., Vryzas, Z., Papadopoulou-Mourkidou, E. (2014). Enhanced root uptake of acibenzolar-S-methyl (ASM) by tomato plants inoculated with selected *Bacillus* plant growth-promoting rhizobacteria (PGPR). *Applied Soil Ecology*, 77, 26-33. (IF: 3.445, Citations: 14).
21. Papadakis, E.-N., Kyrgidou, A., Vryzas, Z., Papadopoulou-Mourkidou, E. (2014). Development of a Microwave-Assisted Extraction Method for the Determination of Organochlorine Pesticides in Mussel Tissue. *Food Analytical Methods*, 7, 1271-1277 (IF: 2.413, Citations: 5).
22. Pythoglou, P., Vryzas, Z., Alexoudis, C., Senseman, S.A., Vassiliou, G., (2012). Influence of biotic and abiotic factors on dissipation of fenoxaprop-p-ethyl in water. *Fresenius Environmental Bulletin*, 21, 3012-3017. (IF: 0.691, Citations: 3).
23. Vryzas Z., Papadakis, E.N., Vassiliou, G., Papadopoulou-Mourkidou E., (2012). Occurrence of pesticides in transboundary aquifers of North-eastern Greece. *Science of the Total Environment*, 441, 41-48. (IF: 5.589, Citations: 39).
24. Vryzas Z., Papadakis, E.N., Oriakli, K., Moysiadis, T.P., Papadopoulou-Mourkidou E., (2012). Biotransformation of atrazine and metolachlor within soil profile and changes in microbial communities. *Chemosphere*, 89, 1330-1338. (IF: 5.108, Citations: 33).
25. Chatzicharisis, I., Thomidis, T., Tsiouridis, C., Papadopoulou-Mourkidou, E., Vryzas Z., (2012). Residues of six pesticides in fresh peach-nectarine fruits after preharvest treatment. *Phytoparasitica*, 40, 311-317. (IF: 1.022, Citations: 2).
26. Vryzas Z., Papadakis, E.N., Papadopoulou-Mourkidou E., (2012). Leaching of Br -, metolachlor, alachlor, atrazine, deethylatrazine and deisopropylatrazine in clayey vadoze zone: A field scale experiment in north-east Greece. *Water Research*, 46, 1979-1989 (IF: 7.913, Citations: 38).
27. Myresiotis, Vryzas, Z., Papadopoulou-Mourkidou, E., (2012). Biodegradation of soil-applied pesticides by selected strains of plant growth-promoting rhizobacteria (PGPR) and their effects on bacterial growth. *Biodegradation*, 23, 297-310 (IF: 2.535, Citations: 63).
28. Myresiotis, C.K., Karaoglanidis, G.K., Vryzas, Z., Papadopoulou-Mourkidou, E., (2012). Evaluation of plant growth-promoting rhizobacteria, acibenzolar-S-methyl, and hymexazol for integrated control of *Fusarium* crown and root rot on tomato. *Pest Management Science*, 68, 404-411. (IF: 3.255, Citations: 41).
29. Myresiotis, C.K., Papadakis, E.N., Vryzas, Z., Papadopoulou-Mourkidou, E., (2011). Determination of acibenzolar-S-methyl and its acidic metabolite in soils by HPLC-diode array detection. *Journal of Environmental Science and Health, Part B*, 46, 550-556. (IF: 1.247, Citations: 7).
30. Niell, S., Pareja, L., Gonzalez, G., Gonzalez, J., Vryzas, Z., Cesio, M. V., Papadopoulou-Mourkidou, E., Heinzen, H., (2011). Simple Determination of 40 Organophosphate Pesticides in Raw Wool Using Microwave-Assisted Extraction and GC-FPD Analysis. *Journal Agricultural & Food Chemistry*, 59, 7601-7608. (IF: 3.571, Citations: 16).
31. Andreadis, S.S. Vryzas, Z., Papadopoulou-Mourkidou, E., Savopoulou-Soultani, M., (2011). Cold tolerance of field-collected and laboratory reared larvae of *sesamia nonagrioides* (Lepidoptera: Noctuidae). *Cryo-Letters*, 32: 297-307. (IF: 0.694 Citations: 9).
32. Vryzas, Z., Alexoudis, C., Vassiliou, G., Galanis, K., Papadopoulou-Mourkidou, E., (2011). Determination of aquatic risk assessment of pesticide residues in riparian drainage canals in northeastern Greece. *Ecotoxicology and Environmental Safety* 74, 174-181. (IF: 4.527, Citations: 137).

33. Omirou, M., Vryzas, Z., Papadopoulou-Mourkidou, E and Economou, A., (2009). Dissipation rates of iprodione and thiacloprid in greenhouse. *Food Chemistry* 116, 499-504, (IF: 5.399, Citations: 68).
34. Vryzas, Z., Vassiliou, G., Alexoudis, C., Papadopoulou-Mourkidou, E., (2009). Spatial and temporal distribution of pesticide residues in surface waters in northeastern Greece. *Water Research* 43, 1-10. (IF: 7.913, Citations: 151).
35. Andreadis, S.S. Vryzas, Z., Papadopoulou-Mourkidou, E., Savopoulou-Soultani, M., (2008). Age-dependent changes in tolerance to cold and accumulation of cryoprotectants in overwintering and non-overwintering larvae of European corn borer *Ostrinia nubilalis*. *Physiological entomology* 33, 365-371. (IF: 1.391, Citations: 16).
36. Vryzas Z., Tsaboula A., Papadopoulou-Mourkidou E., (2007). Determination of alachlor, metolachlor, and their acidic metabolites in soils by microwave-assisted extraction (MAE) combined with solid phase extraction (SPE) coupled with GC-MS and HPLC-UV analysis. *Journal of Separation Science* 30, 2529-2538. (IF: 2.516, Citations: 24).
37. Vryzas Z., Papadopoulou-Mourkidou E., Soulios G., Prodromou K., (2007). Exploration of factors affecting adsorption of atrazine and its conversion products DEA, DIA, HA and metolachlor in surface and subsurface soils of a river basin in Greece. *European Journal of Soil Science* 58, 1186-1199. (IF: 2.818, Citations: 44).
38. Papadakis E. N., Vryzas Z., Papadopoulou-Mourkidou E., (2006). Rapid method for the determination of 16 organochlorine pesticides in sesame seeds by microwave-assisted extraction and analysis of extracts by gas chromatography-mass spectrometry. *Journal of Chromatography A* 1127 6-11. (IF: 3.859, Citations: 49).
39. Vryzas Z., Papadopoulou-Mourkidou E., (2002). Determination of Triazine and Chloroacetanilide Herbicides in Soils by Microwave-Assisted Extraction (MAE) Coupled to Gas Chromatographic Analysis with Either GC-NPD or GC-MS. *Journal Agricultural & Food Chemistry* 50, 5026-5033. (IF: 3.571, Citations: 74).
40. Vryzas Z., Papadakis N.E., Papadopoulou-Mourkidou E., (2002). Microwave-Assisted Extraction (MAE)-Acid Hydrolysis of Dithiocarbamates for Trace Analysis in Tobacco and Peaches. *Journal Agricultural & Food Chemistry* 50, 2220-2226. (IF: 3.571, Citations: 52).

## PRESENTATIONS, PROCEEDINGS, AND CONFERENCE PAPERS

1. **Vryzas Z.**, Papadakis E. N. S., Papadopoulou-Mourkidou E. Microwave-Assisted Simultaneous Extraction and Acid Digestion of Dithiocarbamates for Trace Residue Analysis in Dry Tobacco. *International Symposium 99, Pesticides in Food in Mediterranean Countries* Cagliari, Italy, June 1999.
2. **Vryzas, Z.**, Kotopoulou, A., Koukourikou, A., Patsias, J., Papadopoulos, N., Spyropoulos, S., Papadopoulou-Mourkidou E. Chatzicharisis I., Tsipouridis, K., Charantonis, D. Pesticide residues present at harvest in peaches and nectarines produced under Integrated and Conventional Pest Management Regimes. *First Mediterranean Workshop, Research and European Policy on Pesticide Residues in Mediterranean Countries* Athens, Greece, May 2000.
3. Papadopoulou-Mourkidou E., Papadakis E.N., **Vryzas Z.**, Patsias J., Fragoulis G. Applications of microwave-assisted extraction (MAE) followed by liquid or gas chromatographic analysis of extracts for monitoring pesticide residues in soil and plant matrices. *2nd European Conference on Pesticides and Related Organic Micropollutants in the Environment* Corfu Greece, September, 2002.
4. **Vryzas Z.**, Papadakis E.N., Fragoulis G., Papadopoulou-Mourkidou E. Investigation of the Causes for Local Contamination of Groundwater with Maize Herbicide and Proposal of Possible Remediation Measures "Case Study" in Northern

Greece. *10th IUPAC International Congress on the Chemistry of Crop Protection* Basel, Switzerland August 2002.

**5. Vryzas Z.**, Tsaboula A., Papadopoulou- Mourkidou E. Determination of Chloroacetanilide Herbicides Alachlor, Metolachlor and its metabolites in Soils by Microwave-Assisted Extraction (MAE) Combined to Solid Phase Extraction (SPE) Coupled with GC-MS and HPLC Analysis. *14th SETAC annual meeting (Environmental Science Solutions: A pan-European Perspective)* Prague, April, 2004.

**6. Vryzas Z.**, Oriakli K., Papadakis E., Papadopoulou-Mourkidou E. Dissipation of atrazine and metolachlor in soils of the vadoze in a corn growing area of Greece. (Oral Presentation) *4th International Symposium on environmental aspects of pesticide microbiology (Pesticide, soil microbiology, microbial functions and diversity)* Thessaloniki, Greece, September, 2004.

**7. Vryzas Z.**, Papadopoulou-Mourkidou E. Four year suction cup data concerning the preferential flow of bromide, brilliant blue and corn applied herbicides with their metabolites, in clayey vadoze zone: a field scale experiment in north-east Greece. (Oral Presentation) *Preferential flow and transport processes in soil* Centro Stefano Franscini, Monte Verità Ascona, Switzerland November, 2006.

**8.** Gonzalez, J., Henizen, H., **Vryzas, Z.**, Papadopoulou-Mourkidou, E. Application of QuEChERS to pesticide residue analysis in tobacco samples. *European Pesticide Residue Workshop (EPRW)*, Corfu, Greece, 2006.

**9. Vryzas Z.**, Papadopoulou-Mourkidou, E. Preferential flow paths as visualized by brilliant blue FCF tracers in a clayey vadoze zone. *Diffuse Inputs into the Groundwater: Monitoring-Modelling-Management* Graz, Austria, January, 2007.

**10.** Vassiliou, G. **Vryzas, Z.** Alexoudis C., Papadopoulou-Mourkidou, E. Spatial and temporal distribution of pesticide residues in surface waters in an agricultural basin in north-eastern Greece. (Oral Presentation) *14th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region* Sevilla, Spain, October, 2007.

**11. Vryzas, Z.**, Myresiotis, C., Papadakis, E., Kyrgidou, A., Euphemia Papadopoulou-Mourkidou, E. Tobacco matrix effect in carbamate residues analysis *Chemicals and their Residues in Food and Water: New Scenarios of the Modern Sustainable Agricultural Production Conference of the MGPR* Piacenza, Italy November, 2008.

**12. Vryzas, Z.**, Alexoudis, C., Vassiliou, G. Determination and aquatic risk assessment of pesticide residues in riparian drainage canals of the rivers Ardas and Erythrotamos, northeastern Greece. *Second International Conference on Environmental Management, Engineering, Planning and Economics* Mykonos, Greece, June, 2009.

**13.** Myresiotis, C., **Vryzas, Z.**, Papadopoulou-Mourkidou, E. Degradation of pesticides by plant growth-promoting rhizobacteria (PGPR) and their effects on bacterial growth. 2009. *Annual Conference of the Mediterranean Group of Pesticides Residues*, York, UK, September 2009.

**14.** Niel, I S., Pareja, L., González, J., Cesio, V., **Vryzas, Z.**, Mourkidou, E. P., Heinzen, H. Comparison of QuEChERS and MAE as extraction procedures for the multi-residue determination of pesticides in Yerba Maté. *Latin American Pesticide Residue Workshop*, Argentina, June, 2009.

**15.** Cesio, M. V., Niell, S., Pareja, L., González, G., **Vryzas, Z.**, Mourkidou, E., Heinzen, H. Straightforward Determination of 40 Organophosphorous Pesticides in Raw Wool using Microwave Assisted Extraction and GC/FPD Analysis. *47th Florida Pesticide Residue Workshop*, Florida, USA, 2010.

**16.** Belegriati, N., **Vryzas, Z.**, Alexoudis, C., Papadopoulou-Mourkidou, E., Vassiliou, G. Pesticide risk and sources identification in transboundary surface waters of Greece. *Second international symposium on Green Chemistry for Environment and health* Mykonos, September, 2010.

17. Myresiotis, C., Papadakis, E.N., Vryzas, Z., Papadopoulou-Mourkidou, E. (2010). Determination of acibenzolar-S-methyl and its acidic metabolite in soils by HPLC-diode array detection. *Annual Conference of the Mediterranean Group of Pesticides Residues*, Catania, Italy, November 2010.
18. Zagakou, D., Vryzas, Z., Alexoudis, C., Vasiliou, G. Assessment of the toxicity of SPE fractions of five pesticides with *Vibrio fischeri* and quantification by GC-ECD/NPD. *6th European Conference on Pesticide and Related Organic Micropollutants in the Environment and 12th Symposium on Chemistry and Fate of Modern Pesticides*, Matera, Italy, September, 2010.
19. Myresiotis, C.K., **Vryzas, Z.**, Papadopoulou-Mourkidou, E. Uptake and translocation of acibenzolar-S-methyl in tomato plants after soil application. *XIV Symposium in Pesticide Chemistry*, Piacenza, Italy, August-September 2011.
20. Papadakis, E.N., Tسابουλα, A., **Vryzas Z.**, Papadopoulou-Mourkidou E. Single SPE-step method for the simultaneous determination of GC-MS and LC-MS amenable pesticides in water *Latin American Pesticide Residue Workshop, Montevideo, Uruguay*, May, 2011.
21. Pythoglou, P., **Vryzas, Z.**, Alxoudis, C., Vassiliou, G. (2011) Dissipation of fenoxaprop-P-ethyl and formation of fenoxaprop-P in laboratory aquaria and field ecosystem. *16th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region* Ioannina, Greece, September 2011.
22. Myresiotis, C.K., **Vryzas, Z.**, Papadopoulou-Mourkidou, E. Dissipation behavior of the herbicides metribuzin and napropamide in a clay soil of Greece. *7th MGPR International Symposium "Paolo Cabras"*, Thessaloniki, Greece, November 2011.
23. Myresiotis, C.K., **Vryzas, Z.**, Papadopoulou-Mourkidou, E. Effects of pesticides on the survival of specific *Bacillus* sp. Plant growth-promoting rhizobacteria. *7th MGPR International Symposium "Paolo Cabras"* Thessaloniki, Greece, November 2011.
24. Myresiotis, C.K., Papadakis, E.N., **Vryzas, Z.**, Kotopoulou, A., Papadopoulou-Mourkidou, E. Determination of neonicotinoid insecticide thiamethoxam in soil samples by HPLC with diode-array detection. *7th MGPR International Symposium "Paolo Cabras"* Thessaloniki, Greece, November 2011 **(76)**.
25. Papadakis, E.N., Tسابουλα, A., **Vryzas, Z.**, Kotopoulou, A., Papadopoulou-Mourkidou, E., LC-MS/MS determination and method validation of pesticide residues in tobacco. *7th MGPR International Symposium "Paolo Cabras"* Thessaloniki, Greece, November 2011 **(77)**.
26. Tسابουλα, A., Papadakis, E.N., **Vryzas, Z.**, Kotopoulou, A., Papadopoulou-Mourkidou, E. Evaluation of a QuEChERS-based method for the extraction of pesticide residues from sediments. *7th MGPR International Symposium "Paolo Cabras"* Thessaloniki, Greece, November 2011 **(78)**.
27. **Vryzas, Z.**, Papadakis, E.N., Fragoulis, G., Tsekoura, D., Papadopoulou-Mourkidou, E. Distribution of inorganic contaminants in groundwaters of Evros, Greece. *Protection and Restoration of the Environment XI*, Thessaloniki, Greece July 2012.
28. Papadakis, E.N., Kotopoulou, A., Tسابουλα, A., **Vryzas, Z.**, Kintzikoglou, K., Papadopoulou-Mourkidou, E. LC-MS/MS determination and method validation of several herbicides in surface and ground waters. *European Pesticide Residue Workshop*, Vienna, Austria, June, 2012.
29. **Vryzas, Z.**, Papadakis, E.N., Tسابουλα, A., Kotopoulou, A., Papadopoulou-Mourkidou, E. Pesticides in precipitation in two agricultural areas of Greece (Ganges over a decade 2002 & 2012) *7th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 13th Symposium on Chemistry and Fate of Modern Pesticides*, Porto, Portugal October, 2012.
30. **Vryzas, Z.**, Papadakis, E.N., Alexoudis, C., Vasiliou, G., Papadopoulou-Mourkidou, E. Spatial and temporal distribution of pesticide residues in surface-and

ground-water in north-eastern Greece. *Agribalkan Balkan Agricultural Congress, Adrianoupolis, Turkey, September, 2014.*

**31.** Doitsinis, K., **Vryzas, Z.**, Alexoudis, C., Papadakis, E., Vassiliou, G. Dissipation kinetic of clodinafop-propargyl in resistant and susceptible biotypes of *Phalaris brachystachys*. *8th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 14th Symposium on Chemistry and Fate of Modern Pesticides, Ioannina, Greece, September, 2014.*

**32.** Papadakis, E.-N., Tsaboula, A., Kotopoulou, A., Kintzikoglou, K., Vryzas, Z., Papadopoulou-Mourkidou E. PESTICIDE LEVELS AND ENVIRONMENTAL RISK ASSESSMENT IN THE SURFACE WATERS OF LAKE VISTONIS BASIN. *8th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 14th Symposium on Chemistry and Fate of Modern Pesticides, Ioannina, Greece, September, 2014.*

**33.** Adamidou, Z., **Vryzas, Z.** Dissipation of pesticide residues under different post-harvest treatments of kiwi and peaches-nectarines. *11th European Pesticide Residue Workshop, Limassol, Cyprus, May 2016.*

**34.** Paraklidis, P., Alexoudis, C., Pythoglou, P., Klitsinaris, T., Bozoglou, C., Papadopoulos, S., **Vryzas, Z.** Pyraclostrobin and boscalid residues and systemic movement in garlic under various treatment regimes. *11th European Pesticide Residue Workshop, Limassol, Cyprus, May 2016.*

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## **REVIEWER**

1. Archives of Environmental Contamination and Toxicology
2. Applied Microbiology and Biotechnology
3. Analytical Letters
4. Applied Water Science
5. Chemosphere
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8. Current Analytical Chemistry
9. Ecotoxicology and Environmental Safety
10. Environmental Monitoring and Assessment
11. Environmental Technology
12. Fisheries and Aquaculture
13. Food Analytical Methods
14. Food Control
15. International Journal of Environmental Analytical Chemistry
16. International Journal of Environmental Engineering Science
17. International Journal of Environmental Research and Public Health

18. Journal of Agricultural and Food Chemistry
19. Journal of Agricultural Science and Technology
20. Journal of Applied Microbiology and Biotechnology
21. Journal of Aquatic Animal Health
22. Journal of Basic Microbiology
23. Journal of Environmental Science and Health, Part B
24. Journal of Hazardous Material
25. Journal of Separation Science
26. Pest Management Science
27. PLOS One
28. Soil and Sediment Contamination An International Journal
29. Science of the Total Environment
30. Water Research